

Permit to Operate

FACILITY: N-767

EXPIRATION DATE: 11/30/200

LEGAL OWNER OR OPERATOR: J R SIMPLOT COMPANY

MAILING ADDRESS: PO BOX 198
LATHROP, CA 95330

FACILITY LOCATION: 16777 S HOWLAND RD
LATHROP, CA 95330

FACILITY DESCRIPTION: FERTILIZER MANUFACTURING

The Facility to Operate may include Facility-wide Requirements as well as requirements that apply to specific permit units.

The Permit to Operate remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

DAVID L. CROW

Executive Director / APCO

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Director of Permit Services

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-0-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

PERMIT UNIT REQUIREMENTS

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)]
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)]
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0]
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (7/21/94). [District Rule 2010, 3.0 and 4.0; 2020; and County Rule 201 (in all eight counties in the San Joaquin Valley)]
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1]
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031]
7. Every application for a permit required under Rule 2010 (12/17/92) (Permits Required) shall be filed in a manner and form prescribed by the District. [District Rule 2040]
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.5.1]
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.5.2]
10. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.6.1]
11. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520(6/15/95) [District Rules 2520, 9.6.2 and 1100, 7.0]
12. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.8]
13. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.9.2]

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14. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.9.3]
15. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.9.4]
16. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.9.5]
17. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.10]
18. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.14.2.1]
19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.14.2.2]
20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.14.2.3]
21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.14.2.4]
22. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (12/17/92), by using EPA method 9. If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)]
23. No person shall supply, sell, solicit or apply any architectural coating, except specialty coatings, that contains more than 250 grams of VOC per liter of coating (less water and exempt compounds, and excluding any colorant added to tint bases), or manufacture, blend, or repackage such coating with more than 250 grams of VOC per liter (less water and exempt compounds, and excluding any colorant added to tint bases) for use within the District. [District Rule 4601, 5.1]
24. No person shall apply, sell, solicit, or offer for sale any specialty architectural coating listed in the Table of Standards (District Rule 4601, Table 1 (12/17/92)), nor manufacture, blend, or repackage such coating for use within the District, which contains VOCs (less water and exempt compounds, excluding any colorant added to tint bases) in excess of the specified limits listed in Table 1 of Rule 4601 (12/17/92). [District Rule 4601, 5.2]
25. All VOC-containing materials shall be stored in closed containers when not in use. In use includes, but is not limited to: being accessed, filled, emptied, maintained or repaired. [District Rule 4601, 5.4]
26. A person shall not use VOCs for the cleanup of spray equipment unless equipment for collection of the cleaning compounds and minimizing its evaporation to the atmosphere is used. [District Rule 4601, 5.5]
27. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.2 (12/17/92). [District Rule 4601, 6.1 and 6.2]
28. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.14.1 and 10.0]
29. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F]
30. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B]
31. Disturbances of soil related to any construction, demolition, excavation, extraction, or water mining activities shall comply with the requirements for fugitive dust control in SJVUAPCD District Rule 8020 (4/25/96) unless specifically exempted under section 4 of Rule 8020 (4/25/96). [District Rule 8020]
32. Outdoor handling and storage of any bulk material which emits dust shall comply with the requirements of SJVUAPCD Rule 8030 (4/25/96), unless specifically exempted under section 4 of Rule 8030 (4/25/96). [District Rule 8030]

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33. Any paved road over 3 miles in length, and any unpaved roads over half a mile in length, constructed after December 10, 1993 shall use the design criteria and dust control measures of, and comply with the administrative requirements of, SJVUAPCD Rule 8060 (4/25/96) unless specifically exempted under section 4 of Rule 8060 (4/25/96). [District Rule 8060]
34. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M]
35. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.17]
36. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2]
37. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permit shall apply. [District Rule 2520, 9.1.1]
38. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), Rules 201, 202, 203, 204, 208, and 209 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin), Rule 410.1 (Kern), and Rule 423 (Kern, Fresno, Stanislaus, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
39. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (12/17/92); 4601, sections 5.1, 5.2, 5.4, 5.5, 6.1, and 6.2 (12/17/92); 8020 (4/25/96); 8030 (4/25/96); 8060 (4/25/96); A permit shield is granted from these requirements. [District Rule 2520, 13.2]
40. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
41. This facility is subjected to 40 CFR part 68. The facility shall submit a risk management plan (RMP) to the appropriate agencies by June 21, 1999, or other dates specified in 40 CFR 68.10. The facility shall certify compliance with these requirements as part of the annual compliance certification as required by 40 CFR part 70. [40 CFR Part 68], [Federally Enforceable Through Title V]
42. On April 28, 2000, the initial Title V permit was issued, the reporting period of the Report of Required Monitoring and the Compliance Certification Report are based upon this initial permit issuance date, unless alternative dates are approved by the District Compliance Division. This reports are due within 30 days of the end of reporting period. [District Rule 2520], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-1-4

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

AMMONIUM SULFATE PLANT CONSISTING OF AN AMMONIUM SULFATE SATURATOR/CRYSTALIZER, CENTRIFUGE SYSTEM, SLURRY TANKS, FINES DILUTION OPERATION, AND A RECLAIM TANK ALL VENTED TO A SCRUBBER.

PERMIT UNIT REQUIREMENTS

1. Scrubber liquid supply (at inlet to scrubber) shall have an operational pressure indicator. [District NSR Rule], [Federally Enforceable Through Title V]
2. Scrubber liquid supply (at inlet to scrubber) shall have an operational flow meter. [District NSR Rule], [Federally Enforceable Through Title V]
3. All emissions from the ammonium sulfate plant shall be ducted through the scrubber. [District NSR Rule], [Federally Enforceable Through Title V]
4. The SO₂ emissions from the scrubber shall not exceed 105 pounds per day. [District NSR Rule], [Federally Enforceable Through Title V]
5. The particulate matter concentration shall not exceed 0.1 grains/dscf from any point of the operation. [District Rule 4201], [Federally Enforceable Through Title V]
6. A portion of the acid plant package boiler exhaust gases (N-767-59) may be routed to the dryer (N-767-1) to augment the heat needed for drying the ammonium sulfate crystals. [District NSR Rule], [Federally Enforceable Through Title V]
7. The flow rate of the exhaust gases from the acid plant package boiler (N-767-59) routed to the dryer (N-767-1) shall not exceed the flow rate of the dryer exhaust fan. [District NSR Rule], [Federally Enforceable Through Title V]
8. During source testing of either the acid plant package boiler (N-767-59) or the scrubber of this system (N-767-1), the exhaust gas ducting system from the boiler to the dryer shall be closed off so that there will be no flow through the ducting. [District NSR Rule], [Federally Enforceable Through Title V]
9. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]
10. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [District Rule 4801], [Federally Enforceable Through Title V]
11. A daily log of ammonium sulfate production rate shall be kept on a premises at all times and shall be made available to District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. Weekly records of pressure drop and flow rate of the scrubber liquid shall be maintained and made available to the district upon request. Operator shall perform weekly visual qualitative check to make sure that the scrubber liquid is adequately maintained. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. Visible emissions shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emission. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
14. Records of inspection shall be maintained and shall be kept on the premises at all times. The records shall include equipment identification, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
15. Source testing to determine SO_x and PM emissions shall be conducted within one year of Title V permit issuance and once every five years. However, if the test fails to demonstrate compliance, the source shall return to annual source testing. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
16. Source testing to measure the concentration of particulate matters shall be conducted using EPA Method 5. [District Rule 4201 and 40 CFR 60.424], [Federally Enforceable Through Title V]
17. Source testing to measure the concentration of oxide of sulfur shall be conducted using EPA Method 8 or CARB Method 1-100. [District Rule 4801], [Federally Enforceable Through Title V]

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18. Sampling facility shall be provided and shall be constructed in accordance with District Rule 1081 (Source Sampling). [District Rule 1081], [Federally Enforceable Through Title V]
19. The District must be notified 30 days prior to any compliance source testing, and a source test plan must be submitted for District approval 15 days prior to source sampling. [District Rule 1081], [Federally Enforceable Through Title V]
20. The results of source testing shall be reported to the District within 60 days of the completion of the test. [District Rule 1081], [Federally Enforceable Through Title V]
21. Operator shall ensure that all required source testing conforms to the compliance testing procedures described in District Rule 1081. [District Rule 1081], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-2-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

AMMONIUM SULFATE PLANT, FINES HANDLING SYSTEM

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
2. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]
3. The unit shall be inspected annually for visible emissions. If visible emissions are observed, corrective action shall be taken. The results of inspections shall be kept in a record and made available to the District upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-3-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

AMMONIUM SULFATE PLANT, OVERSIZE HANDLING SYSTEM

PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
 2. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]
 3. The unit shall be inspected annually for visible emissions. If visible emissions are observed, corrective action shall be taken. The results of inspections shall be kept in a record and made available to the District upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-4-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

FERTILIZER PELLET PLANT: FLOW RECYCLING SYSTEM VENTED TO AN ICA BAGHOUSE.

PERMIT UNIT REQUIREMENTS

1. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
2. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
3. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
4. The system shall be adequately closed to prevent fugitive particulate emissions. [District NSR Rule], [Federally Enforceable Through Title V]
5. A daily log of amount and type of raw materials used shall be kept on the premises at all times and shall be made available for District inspection upon request. [District NSR Rule], [Federally Enforceable Through Title V]
6. A maximum of 1320 tons of raw material shall be processed by the ammoniator drum during any one day. [District NSR Rule], [Federally Enforceable Through Title V]
7. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
8. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]
9. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. Visible emissions shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-5-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

FERTILIZER PELLET PLANT: OVERSIZE MILLING SYSTEM VENTED TO AN ICA BAGHOUSE.

PERMIT UNIT REQUIREMENTS

1. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
2. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
3. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
4. The system shall be adequately closed to prevent fugitive particulate emissions. [District NSR Rule], [Federally Enforceable Through Title V]
5. A daily log of amount and type of raw materials used shall be kept on the premises at all times and shall be made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
6. A maximum of 1320 tons of raw material shall be processed by the ammoniator drum during any one day. [District NSR Rule], [Federally Enforceable Through Title V]
7. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
8. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]
9. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. Visible emissions shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-6-2

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

FERTILIZER PELLET PLANT: PELLET DRYER SYSTEM SERVED BY THE GRANULATOR AND SERVING THE PELLET COOLING SYSTEM. THE DRYER IS VENTED TO AN OFF GAS BAGHOUSE WHICH IS VENTED TO AN AMMONIA SCRUBBER SYSTEM.

PERMIT UNIT REQUIREMENTS

1. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
2. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
3. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
4. The system shall be adequately maintained to prevent fugitive particulate emissions. [District NSR Rule], [Federally Enforceable Through Title V]
5. Scrubbers shall have operational differential pressure indicators. [District NSR Rule], [Federally Enforceable Through Title V]
6. Scrubber sprays and/or nozzles shall be maintained in optimum working condition. [District NSR Rule], [Federally Enforceable Through Title V]
7. Fresh scrubber liquid shall be added continuously as necessary to maintain scrubbing efficiency. Dissolved and suspended solids and condensed organics shall not exceed 20% of the scrubbing stream. [District NSR Rule], [Federally Enforceable Through Title V]
8. The pressure drop across the scrubber shall be at least 18 inches of water. [District NSR Rule], [Federally Enforceable Through Title V]
9. A daily log of amount and type of raw materials used shall be kept on the premises at all times and shall be made available for District inspection upon request. [District NSR Rule], [Federally Enforceable Through Title V]
10. A maximum of 1320 tons of raw material shall be processed by the ammoniator drum during any one day. [District NSR Rule], [Federally Enforceable Through Title V]
11. The PM10 emissions from material drying shall not exceed 0.003 pounds per ton of raw material processed. [District NSR Rule], [Federally Enforceable Through Title V]
12. The dryer shall only be fired on natural gas. [District NSR Rule], [Federally Enforceable Through Title V]
13. The combustion emission concentrations from the dryer burner shall not exceed 0.14 lbs/mmbtu for NOx, 0.035 lbs/mmbtu for CO, 0.0028 lbs/mmbtu for VOC, 0.014 lbs/mmbtu for PM10, and 0.0006 lbs/mmbtu for SOx when firing on natural gas. [District NSR Rule], [Federally Enforceable Through Title V]
14. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
15. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using equation $E=3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E=17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]
16. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [District Rule 4801], [Federally Enforceable Through Title V]
17. The operator or the owner shall maintain the copies of fuel invoices and supplier certifications. [District Rule 4801], [Federally Enforceable Through Title V]
18. Operator shall ensure that all required source testing conforms to the compliance testing procedures described in District Rule 1081. [District Rule 1081], [Federally Enforceable Through Title V]
19. Operator shall maintain on file copy of fuel bills and certifications from supplier. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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20. Source test for PM emissions using EPA Method 5 shall be conducted within one year of the permit issuance and once every five years. However, if the test fails to demonstrate compliance, the source shall return to annual source testing. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
21. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
22. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
23. Visible emissions shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
24. Weekly records of pressure drop across the scrubbers and the flow rate of scrubber liquid shall be maintained and kept on the premises at all times. Operator shall perform weekly visual qualitative check to make sure that the scrubber liquid is adequately maintained. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
25. If the unit is not fired on PUC-regulated natural gas, then the sulfur content of the natural gas being fired shall be determined using ASTM Method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
26. If the unit is not fired on PUC-regulated natural gas, the sulfur content of fuel source shall be tested weekly except that compliance with fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be quarterly. If the test shows noncompliance with the sulfur content requirement, the source must return to weekly testing until eight consecutive weeks show compliance. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-9-4

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

SULFURIC ACID PLANT: T-302 ABSORBER SERVED BY MIST ELIMINATORS.

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201 and 4202], [Federally Enforceable Through Title V]
2. The overall oxides of sulfur emissions as SO₂ from the sulfuric acid plant shall not exceed 4 pounds per ton of 100% sulfuric acid produced except during periods of start-up and shutdown. [District NSR Rule], [Federally Enforceable Through Title V]
3. The overall oxides of sulfur emissions as SO₂ from the sulfuric acid plant shall not exceed 21.5 pounds per ton of 100% sulfuric acid produced during periods of start-up and shutdown. This performance based limit is to enforce the SO_x emission reductions granted by certificate N-74-5. [District NSR Rule], [Federally Enforceable Through Title V]
4. Emissions of oxides of sulfur as SO₂ from the entire sulfuric acid plant shall not exceed 2,461 pounds during any one day. This performance based limit is to enforce the SO_x emission reductions granted by certificate N-75-5. [District NSR Rule], [Federally Enforceable Through Title V]
5. Sulfur oxides emissions shall be calculated by dividing the total SO₂ emissions by the total quantity of 100% sulfuric acid produced. Calculations shall be based on a three (3) hour averaging time. [District NSR Rule], [Federally Enforceable Through Title V]
6. A source test for oxides of sulfur shall be conducted on an annual basis. [District Rule 1081], [Federally Enforceable Through Title V]
7. The results of each test shall be submitted for District evaluation no later than 60 days following each test. [District Rule 1081], [Federally Enforceable Through Title V]
8. A pretest plan indicating the methods, procedures and operational parameters shall be submitted for District approval no later than 30 days prior to each test. [District Rule 1081], [Federally Enforceable Through Title V]
9. Source testing to measure concentrations of oxides of sulfur shall be conducted using either CARB Method 6, CARB Method 8, CARB Method 100, EPA Method 6, or EPA Method 8. [District Rule 1081], [Federally Enforceable Through Title V]
10. Source testing to measure stack gas flow rate, moisture content, and oxygen content shall be conducted using EPA Methods 1 thru 4. [District Rule 1081], [Federally Enforceable Through Title V]
11. An hourly log of sulfuric acid produced by each process line shall be kept on the premises at all times and shall be made available for District inspection upon request. [District Rule 1070], [Federally Enforceable Through Title V]
12. The permittee shall provide, properly install and maintain in proper working order, continuous monitoring and recording systems to measure oxides of sulfur emissions as SO₂. [District Rule 1080, 5.2.1], [Federally Enforceable Through Title V]
13. The averaging time for the SO₂ emission monitoring system shall not exceed 15 minutes. [District Rule 2080], [Federally Enforceable Through Title V]
14. All continuous monitoring and recording instruments shall be installed, calibrated and operated in accordance with the requirements of 40 CFR 60.84. [District Rule 1080, 6.1.2], [Federally Enforceable Through Title V]
15. The permittee shall submit a written report for each calendar quarter to the District no later than 30 days following the end of each calendar quarter. The report shall comply with all of the requirements of the District rules. [District Rule 1080, 8.0], [Federally Enforceable Through Title V]
16. The sampling probe of the Dupont 460 photometric analyzer system shall be replaced with a clean probe at least once per month to prevent emission data gaps due to probe failure. [District Rule 2080], [Federally Enforceable Through Title V]
17. Invalid SO₂ emission readings caused by the changing of the probe shall not exceed a period of two hours for each probe change. [District Rule 2080], [Federally Enforceable Through Title V]
18. A written log indicating the date and time of each probe change shall be kept on the premise and shall be made available for District inspection upon request. [District Rule 1070], [Federally Enforceable Through Title V]
19. The facility shall not discharge into the atmosphere any gases which contain acid mist, expressed as sulfuric acid, in excess of 0.3 pounds per ton of 100% sulfuric acid produced. [District Rule 4802]

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20. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [District Rule 4801], [Federally Enforceable Through Title V]
21. Source testing to measure sulfuric acid mist using EPA Method 8 of 40 CFR 60 Appendix A shall be conducted on an annual basis. [District Rule 2520, 9.4.2 and District Rule 4201], [Federally Enforceable Through Title V]
22. A violation of emission standards of this permit, as shown by the stack-monitoring system, shall be reported to the district within 96 hours. [District Rule 1080, 9.0], [Federally Enforceable Through Title V]
23. The operator shall notify the district at least 24 hours prior to the shutting down of monitoring equipment. In the event of breakdown of monitoring equipment, the owner or the operator shall notify the district within 8 hours after the breakdown is detected. [District Rule 1080, 10.0], [Federally Enforceable Through Title V]
24. The continuous SO₂ monitor shall meet the applicable performance specification requirements in 40 CFR Part 51, Appendix P, and Part 60, Appendix B or shall meet equivalent specifications established by mutual agreement of District, ARB, and the EPA. [District Rule 1080, 6.5], [Federally Enforceable Through Title V]
25. Visible emissions shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-10-0

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:
EMERGENCY FLARE SYSTEM:

PERMIT UNIT REQUIREMENTS

1. Operation shall comply with the provisions of Rule 418. []
2. District staff must be notified 30 days in advance before equipment startup. []

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Air Pollution Control District

PERMIT UNIT: N-767-11-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

FERTILIZER PELLET PLANT: BASIC MATERIAL FLOW SYSTEM VENTED TO A HEIL SCRUBBER.

PERMIT UNIT REQUIREMENTS

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1. The system shall be adequately closed to prevent fugitive particulate emissions. [District NSR Rule], [Federally Enforceable Through Title V]
 2. Scrubbers shall have operational differential pressure indicators. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Scrubber sprays and/or nozzles shall be maintained in optimum working condition. [District NSR Rule], [Federally Enforceable Through Title V]
 4. Fresh scrubber liquid shall be added continuously as necessary to maintain scrubbing efficiency. Dissolved and suspended solids and condensed organics shall not exceed 20% of the scrubbing stream. [District NSR Rule], [Federally Enforceable Through Title V]
 5. The pressure drop across the scrubber shall be at least 18 inches of water. [District NSR Rule], [Federally Enforceable Through Title V]
 6. A daily log of amount and type of raw materials used shall be kept on the premises at all times and shall be made available for District inspection upon request. [District NSR Rule], [Federally Enforceable Through Title V]
 7. A maximum of 1320 tons of raw material shall be processed by the ammoniator drum during any one day. [District NSR Rule], [Federally Enforceable Through Title V]
 8. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
 9. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]
 10. Weekly records of pressure drop across the scrubber and scrubber liquid flow rate shall be maintained and shall be made available to the district upon request. Operator shall perform visual qualitative check on a weekly basis to make sure that the scrubber liquid is adequately maintained. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-12-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

FERTILIZER PELLET PLANT: POTASH ADDITION SYSTEM VENTED TO THE COOLER BAGHOUSE.

PERMIT UNIT REQUIREMENTS

1. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
2. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
3. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
4. The system shall be adequately closed to prevent fugitive particulate emissions. [District NSR Rule], [Federally Enforceable Through Title V]
5. A daily log of amount and type of raw materials used shall be kept on the premises at all times and shall be made available for District inspection upon request. [District NSR Rule], [Federally Enforceable Through Title V]
6. A maximum of 1320 tons of raw material shall be processed by the ammoniator drum during any one day. [District NSR Rule], [Federally Enforceable Through Title V]
7. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
8. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]
9. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. Visible emissions shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-767-13-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

WAREHOUSE #1, BULK LOADOUT

PERMIT UNIT REQUIREMENTS

1. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
2. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
3. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
4. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
5. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
6. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
7. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-767-14-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

WAREHOUSE #2, BULK LOADOUT

PERMIT UNIT REQUIREMENTS

1. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
2. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
3. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
4. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
5. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
6. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
7. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-15-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

WAREHOUSE #4: 8 FERTILIZER STORAGE BINS

PERMIT UNIT REQUIREMENTS

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1. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
 2. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
 3. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
 4. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
 5. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 6. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 7. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 8. Particulate matter emissions shall not exceed the hourly limit rate as calculated in District Rule 4202 using the equation $E = 3.59^{0.62} P$; P is less than or equal to 30 tons per hour, or $E = 17.31^{0.16} P$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]

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PERMIT UNIT: N-767-16-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

WAREHOUSE #9, BULK STORAGE SYSTEM SERVED BY A SCRUBBER

PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions from the scrubber shall be no more than 0.1 gr/dscf and 10 lbs/hr. [District Rule 4201 and District NSR Rule], [Federally Enforceable Through Title V]
 2. Scrubbers shall have operational differential pressure indicators. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Scrubber liquid supply (at inlet to scrubber) shall have an operational pressure indicator. [District NSR Rule], [Federally Enforceable Through Title V]
 4. Scrubber liquid supply (at inlet to scrubber) shall have an operational flow meter. [District NSR Rule], [Federally Enforceable Through Title V]
 5. Scrubber sprays and/or nozzles shall be maintained in optimum working condition. [District NSR Rule], [Federally Enforceable Through Title V]
 6. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081], [Federally Enforceable Through Title V]
 7. Weekly records of pressure drop across the scrubber and scrubber liquid flow rate shall be maintained and made available to the district upon request. Operator shall perform weekly visual qualitative check to make sure that the scrubber liquid supply is adequately maintained. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 8. Particulate matter emissions shall not exceed the hourly limit rate as calculated in District Rule 4202 using the equation $E = 3.59^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]

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Air Pollution Control District

PERMIT UNIT: N-767-17-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

WAREHOUSE #9, LOADOUT AREA #5 BULK HANDLING SYSTEM SERVED BY A SCRUBBER.

PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions from the scrubber shall be no more than 0.1 gr/dscf and 10 lbs/hr. [District Rule 4201 and District NSR Rule], [Federally Enforceable Through Title V]
 2. Scrubbers shall have operational differential pressure indicators. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Scrubber liquid supply (at inlet to scrubber) shall have an operational pressure indicator. [District NSR Rule], [Federally Enforceable Through Title V]
 4. Scrubber liquid supply (at inlet to scrubber) shall have an operational flow meter. [District NSR Rule], [Federally Enforceable Through Title V]
 5. Scrubber sprays and/or nozzles shall be maintained in optimum working condition. [District NSR Rule], [Federally Enforceable Through Title V]
 6. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081], [Federally Enforceable Through Title V]
 7. Weekly records of pressure drop and flow rate of the scrubber liquid shall be maintained and made available to the district upon request. Operator shall perform weekly visual qualitative check to make sure that the scrubber liquid supply is adequately maintained. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 8. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-18-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

WAREHOUSE #9, BULK LOADOUT SYSTEM SERVED BY A SCRUBBER

PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions from the scrubber shall be no more than 0.1 gr/dscf and 10 lbs/hr. [District Rule 4201 and District NSR Rule], [Federally Enforceable Through Title V]
 2. Scrubbers shall have operational differential pressure indicators. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Scrubber liquid supply (at inlet to scrubber) shall have an operational pressure indicator. [District NSR Rule], [Federally Enforceable Through Title V]
 4. Scrubber liquid supply (at inlet to scrubber) shall have an operational flow meter. [District NSR Rule], [Federally Enforceable Through Title V]
 5. Scrubber sprays and/or nozzles shall be maintained in optimum working condition. [District NSR Rule], [Federally Enforceable Through Title V]
 6. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081], [Federally Enforceable Through Title V]
 7. Weekly records of pressure drop and flow rate of the scrubber liquid shall be maintained and made available to the district upon request. Operator shall perform weekly visual qualitative check to make sure that the scrubber liquid supply is adequately maintained. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 8. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-19-2

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

WAREHOUSE #1 DUMP HOPPER, ELEVATOR (EQUIP. #4935-G-107), AND PINCH BOTTOM BAGGER (EQUIP. #4935-J-115) ALL VENTED TO A BAGHOUSE (EQUIP. #4930-S-115, FAN #4930-F-102).

PERMIT UNIT REQUIREMENTS

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1. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
 2. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
 4. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
 5. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 6. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 7. Visible emissions shall be inspected annually during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 8. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-20-2

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

FERTILIZER BLEND PLANT - WAREHOUSE #4: DUMP STATION (4932-TK 219); CHARGE ELEVATOR (4932-G-127); AND A HUMMER SCREEN (4931-S 119) ALL VENTED TO A FABRIC FILTER MODEL 256-10 PULSE JET BAGHOUSE.

PERMIT UNIT REQUIREMENTS

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1. The Fabric Filter pulse jet baghouse is shared by these permit units: N-767-20; N-767-23; N-767-73; and N-767-75. [District NSR Rule], [Federally Enforceable Through Title V]
 2. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
 3. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
 4. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
 5. Material removed from the baghouses shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
 6. There shall be no visible emissions from the baghouses, and the associated ducting system. [District NSR Rule], [Federally Enforceable Through Title V]
 7. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
 8. The raw material dump station shall be adequately shrouded to minimize fugitive dust emissions. [District NSR Rule], [Federally Enforceable Through Title V]
 9. The total amount of throughput of fertilizer shall not exceed 600 tons/day. [District NSR Rule], [Federally Enforceable Through Title V]
 10. The PM10 emission concentration shall not exceed 0.002 lbs/ton of material throughput. [District NSR Rule], [Federally Enforceable Through Title V]
 11. A daily log of material type and throughput shall be maintained, retained on the premises, and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 12. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
 13. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 14. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 15. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 16. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-21-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

WAREHOUSE #4: DUMP STATION #1; ELEVATOR #2; SCREENING #3; HAMMER MILL #4

PERMIT UNIT REQUIREMENTS

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1. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
 2. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
 3. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
 4. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
 5. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 6. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 7. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 8. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-22-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

WAREHOUSE #4: WEIGH HOPPER #13; MIXER #14

PERMIT UNIT REQUIREMENTS

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1. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
 2. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
 3. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
 4. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
 5. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 6. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 7. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 8. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-23-2

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

FERTILIZER BLEND PLANT - WAREHOUSE #4: STORAGE AND LOADOUT OPERATION CONSISTING OF TWO SILOS (4932-TK-223 A&B) ALL VENTED TO A FABRIC FILTER MODEL 256-10 PULSE JET BAGHOUSE.

PERMIT UNIT REQUIREMENTS

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1. The Fabric Filter pulse jet baghouse is shared by these permit units: N-767-20; N-767-23; N-767-73; and N-767-75. [District NSR Rule], [Federally Enforceable Through Title V]
 2. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Each baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
 4. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
 5. Material removed from the baghouses shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
 6. There shall be no visible emissions from the baghouses, and the associated ducting system. [District NSR Rule], [Federally Enforceable Through Title V]
 7. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
 8. The total amount of throughput of fertilizer shall not exceed 1,200 tons/day. [District NSR Rule], [Federally Enforceable Through Title V]
 9. The PM10 emission concentration shall not exceed 0.002 lbs/ton of material throughput. [District NSR Rule], [Federally Enforceable Through Title V]
 10. A daily log of material type and throughput shall be maintained, retained on the premises for a period of five years and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 11. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
 12. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 13. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 14. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 15. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-24-2

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:
WAREHOUSE #4, BULK STORAGE

PERMIT UNIT REQUIREMENTS

1. Operator shall perform visible emissions inspection on annual basis. If any visible emissions are observed, corrective action shall be taken to eliminate visible emissions. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
2. Records of inspections shall be maintained and made available to the District upon request. The records shall at least include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-25-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

STORAGE SILO WEST OF WAREHOUSE #4, CAPACITY IS 1200 CUBIC FEET

PERMIT UNIT REQUIREMENTS

1. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
2. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
3. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
4. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
5. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-26-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

STORAGE SILO WEST OF WAREHOUSE #4, CAPACITY IS 2000 CUBIC FEET

PERMIT UNIT REQUIREMENTS

1. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
2. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
3. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
4. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
5. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-27-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

STORAGE SILO WEST OF WAREHOUSE #4, CAPACITY IS 2300 CUBIC FEET

PERMIT UNIT REQUIREMENTS

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1. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
 2. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
 3. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 4. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 5. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-28-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

WAREHOUSE #5, BULK LOADING AND UNLOADING

PERMIT UNIT REQUIREMENTS

1. Operator shall perform visible emissions inspection on annual basis. If any visible emissions are observed, corrective action shall be taken to eliminate visible emissions. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
2. Records of inspections shall be maintained and shall be made available to the District upon request. The records shall at least include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-29-0

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

LIQUID SUSPENSION FERTILIZER PLANT, REACTOR AND DISSOLVING TANK **** BECAME INACTIVE 12/13/88 ****

PERMIT UNIT REQUIREMENTS

1. The ammonia emissions from the entire facility shall not cause the ambient ammonia concentrations to exceed 25 ppm. []
2. Fluoride emissions shall not exceed 0.06#/ton P₂O₅. []
3. The maximum temperature of recirculating water at the spray section shall not exceed 163 degrees F. This maximum temperature may be raised if compliance with conditions 1 & 2 and other applicable rules at higher temperatures is demonstrated. []
4. District staff must be notified 30 days in advance before startup. []

Initial TV Permit

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-767-30-0

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

LIQUID SUSPENSION FERTILIZER PLANT: CLARIFICATION, CLAY ADDITION, AND LAMELLA SEPARATOR ****
BECAME INACTIVE 12/13/88 ***

PERMIT UNIT REQUIREMENTS

-
1. Clay shall be hand fed from sacks into the mixer. No mechanical clay feeding equipment shall be used without an Authority to Construct. []
 2. Visible emissions shall be less than 20% opacity. []
 3. District staff must be notified 30 days in advance before equipment startup. []

Initial TV Permit

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-767-31-0

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

LIQUID SUSPENSION FERTILIZER PLANT, PRODUCT STORAGE TANK AND LOADOUT **** BECAME INACTIVE ON 12/13/88 ***

PERMIT UNIT REQUIREMENTS

1. The ammonia emissions from the entire facility shall not cause the ambient ammonia concentrations to exceed 25 ppm. []
2. District staff must be notified 30 days in advance before equipment startup. []

Initial TV Permit

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-767-32-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

WAREHOUSE #6, RECEIVING AND STORAGE

PERMIT UNIT REQUIREMENTS

1. Operator shall perform visible emissions inspection on annual basis. If any visible emissions are observed, corrective action shall be taken to eliminate visible emissions. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
2. Records of inspections shall be maintained and made available to the District upon request. The records shall at least include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-767-33-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

WAREHOUSE #6, BULK LOADOUT

PERMIT UNIT REQUIREMENTS

1. Operator shall perform visible emissions inspection on annual basis. If any visible emissions are observed, corrective action shall be taken to eliminate visible emissions. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
2. Records of inspections shall be maintained and made available to the District upon request. The records shall at least include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-34-0

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

AMMONIUM SULFATE STORAGE TANK *** DELETE PER APPLICANT AND INSPECTION REPORT - 04/28/94 ***

PERMIT UNIT REQUIREMENTS

1. The Ammonium Sulfate received shall not contain more than 0.1 % free SO₂ by weight. []
2. The unloading and storage shall be conducted in a manner to prevent public nuisance. []
3. Total Sulfur compounds emissions from the entire facility shall be limited to a level to assure compliance with the applicable ambient air quality standards. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-35-0

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

FERTILIZER BOTTLING SYSTEM; BAGHOUSE **** BECAME INACTIVE ON 12/13/88 ****

PERMIT UNIT REQUIREMENTS

1. With the exception of the baghouse, no air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark as or darker than 20% opacity. []
2. There shall be no visible emissions from the baghouse. []
3. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times. []
4. A spare set of bags shall be maintained on the premise at all times. []
5. Collected particulate matter shall be disposed of in a manner which prevents entrainment of the material into the ambient air. []
6. District staff must be notified 30 days in advance before equipment startup. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-36-2

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

AMMONIUM HYDROXIDE TRUCK LOADOUT SYSTEM UTILIZING A BALANCE TYPE VAPOR RECOVERY SYSTEM WITH DRY BREAK FITTINGS.

PERMIT UNIT REQUIREMENTS

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1. The quantity of ammonium hydroxide loaded out shall not exceed 100 tons in any one day. [District NSR Rule], [Federally Enforceable Through Title V]
 2. The ammonium hydroxide emissions shall not exceed 0.013 pounds per ton of ammonium hydroxide loaded out. [District NSR Rule], [Federally Enforceable Through Title V]
 3. A daily record of the quantity of ammonium hydroxide loaded out, in pounds, shall be kept. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 4. Vapor recovery system shall be inspected annually for visible sign of leakage or damage. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 5. Records shall be maintained and made available to the District upon request. The records shall at least include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-37-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:
UNCONFINED SANDBLASTING

PERMIT UNIT REQUIREMENTS

1. Visible emissions from the Sand Blasting Operations shall be less than 40% opacity. [Title 17, CCR, section 92200]
2. Only Air Resources Board approved sand shall be used for sand blasting operations. [Title 17, CCR, section 92500]
3. The sand employed for blasting purposes shall not be reused under any circumstances. [Title 17, CCR, section 92500]
4. The blasting operations shall be carried out in a manner to prevent any nuisances. [District Rule 4102]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-38-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:
UNCONFINED SANDBLASTING

PERMIT UNIT REQUIREMENTS

1. Visible emissions from the Sand Blasting Operations shall be less than 40% opacity. [Title 17, CCR, section 92200]
2. Only Air Resources Board approved sand shall be used for sand blasting operations. [Title 17, CCR, section 92500]
3. The sand employed for blasting purposes shall not be reused under any circumstances. [Title 17, CCR, section 92500]
4. The blasting operations shall be carried out in a manner to prevent any nuisances. [District Rule 4102]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-39-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:
UNCONFINED SANDBLASTING

PERMIT UNIT REQUIREMENTS

1. Visible emissions from the Sand Blasting Operations shall be less than 40% opacity. [Title 17, CCR, section 92200]
2. Only Air Resources Board approved sand shall be used for sand blasting operations. [Title 17, CCR, section 92500]
3. The sand employed for blasting purposes shall not be reused under any circumstances. [Title 17, CCR, section 92500]
4. The blasting operations shall be carried out in a manner to prevent any nuisances. [District Rule 4102]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-40-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:
UNCONFINED SANDBLASTING

PERMIT UNIT REQUIREMENTS

1. Visible emissions from the Sand Blasting Operations shall be less than 40% opacity. [Title 17, CCR, section 92200]
2. Only Air Resources Board approved sand shall be used for sand blasting operations. [Title 17, CCR, section 92500]
3. The sand employed for blasting purposes shall not be reused under any circumstances. [Title 17, CCR, section 92500]
4. The blasting operations shall be carried out in a manner to prevent any nuisances. [District Rule 4102]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-41-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:
UNCONFINED SANDBLASTING

PERMIT UNIT REQUIREMENTS

1. Visible emissions from the Sand Blasting Operations shall be less than 40% opacity. [Title 17, CCR, section 92200]
2. Only Air Resources Board approved sand shall be used for sand blasting operations. [Title 17, CCR, section 92500]
3. The sand employed for blasting purposes shall not be reused under any circumstances. [Title 17, CCR, section 92500]
4. The blasting operations shall be carried out in a manner to prevent any nuisances. [District Rule 4102]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-42-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:
UNCONFINED SANDBLASTING

PERMIT UNIT REQUIREMENTS

1. Visible emissions from the Sand Blasting Operations shall be less than 40% opacity. [Title 17, CCR, section 92200]
2. Only Air Resources Board approved sand shall be used for sand blasting operations. [Title 17, CCR, section 92500]
3. The sand employed for blasting purposes shall not be reused under any circumstances. [Title 17, CCR, section 92500]
4. The blasting operations shall be carried out in a manner to prevent any nuisances. [District Rule 4102]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-43-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:
UNCONFINED SANDBLASTING

PERMIT UNIT REQUIREMENTS

1. Visible emissions from the Sand Blasting Operations shall be less than 40% opacity. [Title 17, CCR, section 92200]
2. Only Air Resources Board approved sand shall be used for sand blasting operations. [Title 17, CCR, section 92500]
3. The sand employed for blasting purposes shall not be reused under any circumstances. [Title 17, CCR, section 92500]
4. The blasting operations shall be carried out in a manner to prevent any nuisances. [District Rule 4102]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-52-0

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

UNCONFINED SAND BLASTING **** DELETED - DUPLICATE OF N-767-43-0***

PERMIT UNIT REQUIREMENTS

1. Visible emissions from the Sand Blasting Operations shall be less than 40% opacity. [Title 17, CCR, section 92200]
2. Only Air Resources Board approved sand shall be used for sand blasting operations. [Title 17, CCR, section 92500]
3. The sand employed for blasting purposes shall not be reused under any circumstances. [Title 17, CCR, section 92500]
4. The blasting operations shall be carried out in a manner to prevent any nuisances. [District Rule 4102]
5. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
6. The permittee shall obtain all permits and/or authorizations required by the Planning and Building Departments. []

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-53-2

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

ONE (1) INGERSOL-RAND MODEL P335-W-D AIR COMPRESSOR (335 CFM) SERVED BY A 99 HP DIESEL FUELED I.C. ENGINE

PERMIT UNIT REQUIREMENTS

1. The NOx emissions shall not exceed 14 g/hp-hr. [District NSR Rule], [Federally Enforceable Through Title V]
2. The engine shall not be operated more than 10 hours during any one day. [District NSR Rule], [Federally Enforceable Through Title V]
3. The operating hours of the I.C. engine shall not exceed 1,000 hours during any one calendar year. [District Rule 4701]
4. A daily log of the engine operating hours including all operational use and operation for maintenance and testing purposes shall be kept on the premises at all times. [District Rule 4701 and District NSR Rule], [Federally Enforceable Through Title V]
5. This engine shall be equipped with a non-resettable, totalizing hour meter. [District Rule 4701]
6. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
7. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
8. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
9. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. Records of operating hours shall be kept for units operating less than 500 hours per year. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. On all units which are not operated less than 500 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
14. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
15. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Merced, Kern, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
16. The permittee shall inspect the engine exhaust stack weekly for excessive visible emissions. The inspection shall include verifying the engine is performing normal, designed functions and is being operated according to standard procedures, and per the manufacturer's recommendations. If the equipment is not performing according to design and procedures or if excessive visible emissions are observed from the exhaust stack, the permittee shall take corrective action within 24 hours. If excessive visible emission cannot be corrected within 24 hours, EPA Method 9, except for data reduction (section 2.5), shall be conducted to determine compliance with the 20% facility-wide opacity limit. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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17. The permittee shall maintain the following records with regards to weekly visible emission/equipment inspections: 1) date and time of inspection, 2) stack or emission point identification, 3) operational status/conditions of the equipment, 4) observed results and conclusions, 5) description of corrective actions taken to resolve any observed excessive visible emissions, 6) date and time excessive visible emissions corrected, 7) date of Method 9 test and results if corrected, and 8) name of person(s) performing the inspection. [District Rule 25 20, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-54-2

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

ONE (1) INGERSOL-RAND MODEL 6045-C AIR COMPRESSOR (600 CFM) SERVED BY A 219 HP DIESEL FUELED I.C. ENGINE

PERMIT UNIT REQUIREMENTS

1. The NOx emissions shall not exceed 14 g/hp-hr. [District NSR Rule], [Federally Enforceable Through Title V]
2. The engine shall not be operated more than 10 hours during any one day. [District NSR Rule], [Federally Enforceable Through Title V]
3. The operating hours of the I.C. engine shall not exceed 1,000 hours during any one calendar year. [District Rule 4701]
4. A daily log of the engine operating hours including all operational use and operation for maintenance and testing purposes shall be kept on the premises at all times. [District Rule 4701 and District NSR Rule], [Federally Enforceable Through Title V]
5. This engine shall be equipped with a non-resettable, totalizing hour meter. [District Rule 4701]
6. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
7. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)]
8. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
9. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2]
10. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2]
11. Records of operating hours shall be kept for units operating less than 500 hours per year. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. On all units which are not operated less than 500 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2]
14. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
15. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Merced, Kern, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
16. The permittee shall inspect the engine exhaust stack weekly for excessive visible emissions. The inspection shall include verifying the engine is performing normal, designed functions and is being operated according to standard procedures, and per the manufacturer's recommendations. If the equipment is not performing according to design and procedures or if excessive visible emissions are observed from the exhaust stack, the permittee shall take corrective action within 24 hours. If excessive visible emission cannot be corrected within 24 hours, EPA Method 9, except for data reduction (section 2.5), shall be conducted to determine compliance with the 20% facility-wide opacity limit. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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17. The permittee shall maintain the following records with regards to weekly visible emission/equipment inspections: 1) date and time of inspection, 2) stack or emission point identification, 3) operational status/conditions of the equipment, 4) observed results and conclusions, 5) description of corrective actions taken to resolve any observed excessive visible emissions, 6) date and time excessive visible emissions corrected, 7) date of Method 9 test and results if corrected, and 8) name of person(s) performing the inspection. [District Rule 25 20, 9.4.2], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-55-2

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

ONE (1) GARNER-DENVER MODEL SPKDB ROTA-SCREW AIR COMPRESSOR (325 CFM) SERVED BY A 122 HP DIESEL FUELED I.C. ENGINE

PERMIT UNIT REQUIREMENTS

1. The NOx emissions shall not exceed 14 g/hp-hr. [District NSR Rule], [Federally Enforceable Through Title V]
2. The engine shall not be operated more than 10 hours during any one day. [District NSR Rule], [Federally Enforceable Through Title V]
3. The operating hours of the I.C. engine shall not exceed 1,000 hours during any one calendar year. [District Rule 4701]
4. A daily log of the engine operating hours including all operational use and operation for maintenance and testing purposes shall be kept on the premises at all times. [District Rule 4701 and District NSR Rule], [Federally Enforceable Through Title V]
5. This engine shall be equipped with a non-resettable, totalizing hour meter. [District Rule 4701]
6. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
7. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)]
8. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
9. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2]
10. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2]
11. Records of operating hours shall be kept for units operating less than 500 hours per year. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. On all units which are not operated less than 500 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2]
14. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
15. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Merced, Kern, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
16. The permittee shall inspect the engine exhaust stack weekly for excessive visible emissions. The inspection shall include verifying the engine is performing normal, designed functions and is being operated according to standard procedures, and per the manufacturer's recommendations. If the equipment is not performing according to design and procedures or if excessive visible emissions are observed from the exhaust stack, the permittee shall take corrective action within 24 hours. If excessive visible emission cannot be corrected within 24 hours, EPA Method 9, except for data reduction (section 2.5), shall be conducted to determine compliance with the 20% facility-wide opacity limit. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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17. The permittee shall maintain the following records with regards to weekly visible emission/equipment inspections: 1) date and time of inspection, 2) stack or emission point identification, 3) operational status/conditions of the equipment, 4) observed results and conclusions, 5) description of corrective actions taken to resolve any observed excessive visible emissions, 6) date and time excessive visible emissions corrected, 7) date of Method 9 test and results if corrected, and 8) name of person(s) performing the inspection. [District Rule 25 20, 9.4.2], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-56-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

ONE (1) 500 GALLON CONVAULT GASOLINE STORAGE TANK SERVED BY EMCO WHEATON PHASE I VAPOR RECOVERY SYSTEM AND ONE (1) NOZZLE.

PERMIT UNIT REQUIREMENTS

1. Pressure/Vacuum relief valves shall be maintained operational at all times. [District Rule 4621], [Federally Enforceable Through Title V]
2. Total gasoline throughput for the facility shall not exceed 10,000 gallons per any consecutive 30-day period nor 24,000 gallons per calendar year. [District Rule 4622, 4.1, Exemptions], [Federally Enforceable Through Title V]
3. Records of monthly gasoline throughput shall be maintained, retained on the premises for a period of at least five years and as long as exempt status is claimed. These records shall be made available for District inspection upon request and allow the gasoline throughput for any 30-day period to be continuously determined. [District Rule 2520, 9.5.2 and 4622, 6.1.1], [Federally Enforceable Through Title V]
4. If the gasoline throughput exceeds either 10,000 gallons per any consecutive 30-day period or 24,000 gallons per calendar year, then the facility shall notify the District within 30 days. [District Rule 4622, 6.1.2], [Federally Enforceable Through Title V]
5. Each storage tank subject to this permit shall be equipped with an ARB certified Phase I vapor recovery system, which shall prevent at least 95% by weight of all gasoline vapors displaced during the filling of storage tanks from entering the atmosphere. The transfer of gasoline from any delivery vessel to any stationary storage container with 250 gallon capacity or more shall not be allowed unless the container is equipped with a permanent submerged fill pipe and an ARB certified Phase 1 system, which is maintained and operated according to manufacturers specifications. [District Rule 4621, 3.1 and 5.1.1], [Federally Enforceable Through Title V]
6. Compliance with the requirement of the Phase I system to be 95% effective for displaced vapors is considered to be demonstrated by passing performance tests, at least once every 5 years from the date of the most recent test or at more frequent intervals, as specified by the ARB Executive Order certifying the system. Facilities that have not been performance tested previously, using the following applicable methods, shall be tested in accordance with BAAQMD Source Test Procedure ST-30 (Static Leak Test Procedure Underground Tanks) or ST-38 (Static Leak Test Procedure Aboveground Tanks) no later than 90 days of issuance of this permit. [District Rules 2520, 9.4.2], [Federally Enforceable Through Title V]
7. Each aboveground storage tank shall be equipped with a pressure-vacuum valve set to within 10% of the maximum allowable working pressure of the tank. No gasoline shall be placed, stored, or held in any above-ground tank of 250 gallon capacity or more unless it is so equipped. [District Rule 4621, 5.1.2; 4623, 5.4], [Federally Enforceable Through Title V]
8. No gasoline delivery vessel shall be operated or be allowed to operate unless valid State of California decals are displayed on the cargo tank which attest to the vapor integrity of the tank. [District Rule 4621, 5.2.1], [Federally Enforceable Through Title V]
9. No gasoline shall be transferred into any gasoline stationary storage tank subject to this permit if the vapor recovery system contains an inoperative dry break until it is repaired, replaced, or adjusted as necessary to correct the defect. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following requirements: SJVUAPCD Rules 4621 except section 5.2.2 (as amended May 20, 1993), 4622, section 6.1 (as amended February 17, 1994), and 4623, section 5.4 (as amended December 17, 1992). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
11. The requirements of County Rules 412.1 (Kern and Tulare), 411.1 (Stanislaus and Merced), 411.2 (San Joaquin), 412 (Fresno, Kings, Stanislaus, Merced, and San Joaquin), 413 (Kern and Tulare), and 419 (Madera) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
12. The requirements of District Rules 4403 (as amended February 16, 1995), 4622, except section 6.1 (as amended February 17, 1994), 4623, except section 5.4 (as amended December 17, 1992), and 4624 (as amended December 17, 1992) do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. The requirements of 40 CFR 60 Subparts XX do not apply to this permit unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-57-0

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

DIXION WW-6 WATER WALL SCOTCH MARINE BOILER 12.6 MMBTU/HR

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. Particulate matter emissions from any combustion source shall not exceed 0.1 grains/dscf (calculated to 12% carbon dioxide). [District Rule 4301]
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Natural Gas is the only fuel permitted for combustion in the boiler. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-58-2

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

THERMAL TRANSFER CORP. START-UP HEATER WITH A COEN MICRONOX 16MMBTU/HR START-UP BURNER AND A SUR-LITE CORP. (MODEL 6-H250 TT)15 MMBTU/HR PRE-HEAT FURNACE BURNER

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions from any combustion source shall not exceed 0.1 grains/dscf (calculated to 12% carbon dioxide). [District Rule 4201 and District Rule 4301], [Federally Enforceable Through Title V]
2. The start-up heater system shall only be fired on natural gas. [District NSR Rule], [Federally Enforceable Through Title V]
3. A totalizing fuel flow meter which measure the quantity of natural gas consumed per day by the start-up burner and pre-heat furnace burner (in standard cubic feet) shall be installed. [District NSR Rule], [Federally Enforceable Through Title V]
4. The NOx emissions from the Coen Micronox burner shall not exceed 0.0365 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
5. The CO emissions from the Coen Micronox burner shall not exceed 0.061 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
6. The SOx emissions from the Coen Micronox burner shall not exceed 6.0E-04 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
7. The PM10 emissions from the Coen Micronox burner shall not exceed 0.014 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
8. The VOC emissions from the Coen Micronox burner shall not exceed 0.0028 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
9. The NOx emissions from the Sur-Lite burner shall not exceed 0.060 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
10. The CO emissions from the Sur-Lite burner shall not exceed 0.035 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
11. The SOx emissions from the Sur-Lite burner shall not exceed 6.0E-04 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
12. The PM10 emissions from the Sur-Lite burner shall not exceed 0.005 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
13. The VOC emissions from the Sur-Lite burner shall not exceed 0.003 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
14. The combined NOx emissions from the equipment operating under permits N-767-58 and N-767-59 shall not exceed 15,417 pounds in any one calendar year. [District NSR Rule], [Federally Enforceable Through Title V]
15. A record of the daily fuel usage shall be maintained on the premises and shall be made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
16. A record of the cumulative yearly NOx emissions from the equipment operating under PTOs N-767-58-2 and N-767-59-3, combined, shall be kept on the premises at all times. [District NSR Rule], [Federally Enforceable Through Title V]
17. The total heat input into the Coen Micronox start-up burner and Sur-Lite Corp. pre-heat furnace burner shall be less than 30 billion BTUs per calendar year. [District Rule 4305, 5.2.1 and District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
18. The Coen Micronox burner shall be tuned at least once each calendar year in which it operates in accordance with Rule 4304. [District Rule 4305 and District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
19. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [District Rule 4801 and 407 San Joaquin County], [Federally Enforceable Through Title V]
20. If the unit is fired on PUC-regulated natural gas, operator shall maintain copies of fuel invoices and supplier certifications. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
21. If the unit is not fired on PUC-regulated natural gas, then the sulfur content of the natural gas being fired shall be determined using ASTM Method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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22. If the unit is not fired on PUC-regulated natural gas, the sulfur content of fuel source shall be tested weekly except that compliance with fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be quarterly. If the test shows noncompliance with the sulfur content requirement, the source must return to weekly testing until eight consecutive weeks show compliance. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-59-3

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

JOHNSTON MODEL PFTA 1200-4G2505 NATURAL GAS FIRED BOILER; MAXIMUM RATED HEAT INPUT OF 48.988 MMBTU/HR

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions from any combustion source shall not exceed 0.1 grains/dscf (calculated to 12% carbon dioxide). [District Rule 4201 and District Rule 4301], [Federally Enforceable Through Title V]
2. The boiler shall only be fired on natural gas. [District NSR Rule], [Federally Enforceable Through Title V]
3. A non-resettable, totalizing fuel flow meter which measures the quantity of natural gas consumed per day by the boiler (in standard cubic feet) shall be installed. [District Rule 4305 and District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
4. The total heat input shall be less than 30 billion BTU per calendar year. [District Rule 4305 and District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
5. Total NOx emissions shall not exceed 0.0365 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
6. Total CO emissions shall not exceed 0.108 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
7. Total SOx emissions shall not exceed 0.0006 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
8. Total PM10 emissions shall not exceed 0.014 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
9. Total VOC emissions shall not exceed 0.004 lbs/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
10. The combined NOx emissions from the equipment operating under permits N-767-58 & N-767-59 shall not exceed 15,417 pounds in any one calendar year. [District NSR Rule], [Federally Enforceable Through Title V]
11. A portion of the acid plant package boiler exhaust gases (N-767-59) may be routed to the dryer (N-767-1) to augment the heat needed for drying the ammonium sulfate crystals. [District NSR Rule], [Federally Enforceable Through Title V]
12. The flow rate of the exhaust gases from the acid plant package boiler (N-767-59) routed to the dryer (N-767-1) shall not exceed the flow rate of the dryer exhaust fan. [District NSR Rule], [Federally Enforceable Through Title V]
13. During source testing of either the acid plant package boiler (N-767-59) or the scrubber (N-767-1), the exhaust gas ducting system from the boiler to the dryer shall be closed off so that there will be no flow through the ducting. [District NSR Rule], [Federally Enforceable Through Title V]
14. The ducting for the ammonium sulfate plant dryer from the boiler shall be positioned in the boiler exhaust stack above the economizer and the flue gas recirculation (FGR) ducting at a distance high enough not to disturb the flow of the FGR system. [District NSR Rule], [Federally Enforceable Through Title V]
15. This boiler shall be tuned at least once each calendar year in which it operates in accordance with District Rule 4304 (Equipment Tuning Procedure for Boilers, Steam Generators, and Process Heaters). [District Rule 4305 and District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
16. A record of the cumulative yearly NOx emissions from the equipment operating under PTOs N-767-58 & N-767-59, combined, shall be kept on the premises at all times. [District NSR Rule], [Federally Enforceable Through Title V]
17. A record of the daily and cumulative annual fuel usage shall be maintained on the premises and shall be made available for District inspection upon request. [District Rules 2520, 9.4.2], [Federally Enforceable Through Title V]
18. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [San Joaquin County Rule 407 and District Rule 4801], [Federally Enforceable Through Title V]
19. If the unit is fired on PUC-regulated natural gas, then the operator shall maintain copies of fuel invoices and supplier certifications. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
20. If the unit is not fired on PUC-regulated natural gas, then the sulfur content of the natural gas being fired shall be determined using ASTM Method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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21. If the unit is not fired on PUC-regulated natural gas, the sulfur content of fuel source shall be tested weekly except that compliance with fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be quarterly. If the test shows noncompliance with the sulfur content requirement, the source must return to weekly testing until eight consecutive weeks show compliance. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-60-2

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

FERTILIZER BAGGING OPERATION - WAREHOUSE #7: TWO AUTOMATED BAGGING MACHINES (4931-J-180 & 4931-J-207) SERVING THE BULK FERTILIZER HANDLING SYSTEM (N-767-61) AND THE FERTILIZER BLEND PLANT MIX HANDLING SYSTEM (N-767-76) AND VENTED TO A BAGHOUSE.

PERMIT UNIT REQUIREMENTS

1. The pulse jet baghouse of warehouse #7 is shared by these permit units: N-767-60; and N-767-76. [District NSR Rule], [Federally Enforceable Through Title V]
2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
4. Material removed from the baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
5. There shall be no visible emissions from the baghouse, and the associated ducting system. [District NSR Rule], [Federally Enforceable Through Title V]
6. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
7. The raw material dump station shall be adequately shrouded to minimize fugitive dust emissions. [District NSR Rule], [Federally Enforceable Through Title V]
8. The total amount of throughput of fertilizer shall not exceed 960 tons in any one day. [District NSR Rule], [Federally Enforceable Through Title V]
9. The PM10 emission concentration shall not exceed 0.00021 lbs/ton of material throughput. [District NSR Rule], [Federally Enforceable Through Title V]
10. A daily log of material type and throughput shall be maintained, retained on the premises for a period of five years and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
12. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
14. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
15. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-61-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

FERTILIZER CONVEYING SYSTEM AND TWO HOPPERS SERVED BY A DUST COLLECTION SYSTEM

PERMIT UNIT REQUIREMENTS

1. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
2. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
3. Material removed from the baghouses shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
4. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
5. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
6. There shall be no visible emissions from the baghouses, and the associated ducting system. [District NSR Rule], [Federally Enforceable Through Title V]
7. The total amount of throughput of fertilizer shall not exceed 960 tons in any one day. [District NSR Rule], [Federally Enforceable Through Title V]
8. The differential pressure gauge increments shall be in inches of water with a minimum scale of 10 inches of water. [District NSR Rule], [Federally Enforceable Through Title V]
9. The pressure drop across the bags shall not be less than 1 inch of water column and shall not exceed 5 inches of water column. [District NSR Rule], [Federally Enforceable Through Title V]
10. A daily log of material type and throughput shall be maintained, retained on the premises, and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
14. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-62-2

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

CONCRETE MONOLITHIC DOME FERTILIZER STORAGE WAREHOUSE AND CONVEYING SYSTEM

PERMIT UNIT REQUIREMENTS

1. The warehouse traffic doors shall remain closed at all times during transfer of material to the storage bins. [District NSR Rule], [Federally Enforceable Through Title V]
2. The transport of fertilizers from the warehouse storage bins to the blended fertilizer operations area shall be carried out in a manner to prevent the generation of fugitive dust emissions. [District NSR Rule], [Federally Enforceable Through Title V]
3. PM10 emissions shall not exceed 1 pound during any one day. [District NSR Rule], [Federally Enforceable Through Title V]
4. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]
5. Operator shall perform visible emissions inspection on annual basis under operating conditions where high emissions are expected. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
6. Records of inspections shall be maintained and made available to the District upon request. The records shall at least include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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Air Pollution Control District

PERMIT UNIT: N-767-63-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

EMERGENCY FIRE PUMP SERVED BY AN 85 HP DIESEL ENGINE

PERMIT UNIT REQUIREMENTS

1. Operation of the engine, for other than maintenance purposes, shall be limited to emergency use. [District Rule 4701]
2. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
3. Particulate matter emissions shall not exceed in concentration at the point of discharge 0.1 gr/dscf. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
4. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
5. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
6. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
7. Records of operating hours shall be kept for units operating less than 200 hours per year. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. On all units which are not emergency or backup IC engines operating less than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
10. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
11. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Merced, Kern, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-64-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

ONE CATERPILLAR (MODEL D343) 315 HP, DIESEL FIRED I.C. ENGINE SERVING AN EMERGENCY GARDNER-DENVER (MODEL 1050 SPTDB) AIR COMPRESSOR.

PERMIT UNIT REQUIREMENTS

1. The engine shall be operated with the timing retarded four degrees from the manufacturer's standard recommended timing. [District NSR Rule], [Federally Enforceable Through Title V]
2. Operation of the engine, for other than maintenance purposes, shall be limited to emergency use. [District Rule 4701]
3. Operation of the engine for maintenance and testing purposes shall not exceed 200 hours per year. [District NSR Rule], [Federally Enforceable Through Title V]
4. If engine operates with visible emissions greater than 1/2 Ringelmann or 10% opacity, compliance with particulate matter emissions shall be conducted by District-witnessed sample collection within 60 days of District determination. [District Rule 1070 and District NSR Rule], [Federally Enforceable Through Title V]
5. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081], [Federally Enforceable Through Title V]
6. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
7. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
8. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
9. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. Records of operating hours shall be kept for units operating less than 200 hours per year. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. On all units which are not emergency or backup IC engines operating less than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
14. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
15. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Merced, Kern, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-70-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

BULK LOADOUT OPERATION SERVED BY: WAREHOUSE #1 DUMP STATION, ELEVATOR AND TWO LOADOUT SPOUTS; AND WAREHOUSE #2 DUMP STATION, TWO CONVEYORS, SCREEN AND ELEVATOR. ALL EQUIPMENT EXCLUDING THE LOADOUT SPOUTS ARE VENTED TO A W.W. SLY BAGHOUSE.

PERMIT UNIT REQUIREMENTS

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1. There shall be no visible emissions from the baghouse. [District NSR Rule], [Federally Enforceable Through Title V]
 2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
 4. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
 5. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
 6. Ducting to the baghouse shall be properly maintained to prevent fugitive dust emissions. [District NSR Rule], [Federally Enforceable Through Title V]
 7. The PM10 emission concentration from the bulk loadout operation shall not exceed 0.039 lbs per ton of material loaded out. [District NSR Rule], [Federally Enforceable Through Title V]
 8. The amount of material loaded out shall not exceed 500 tons in any one day. [District NSR Rule], [Federally Enforceable Through Title V]
 9. Daily records of the amount of material loaded out shall be maintained, retained on the premises, and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 10. The particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
 11. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]
 12. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 13. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 14. Visible emissions shall be inspected monthly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-71-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

WAREHOUSE #1 AND #2 BULK STORAGE.

PERMIT UNIT REQUIREMENTS

1. Operator shall perform visible emissions inspection on annual basis. If any visible emissions are observed, corrective action shall be taken to eliminate visible emissions. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
2. Records of inspections shall be maintained and shall be made available to the District upon request. The records shall at least include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-73-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

FERTILIZER BLEND PLANT - BULK RECEIVING: DUMP HOPPER (4932-TK 250); DUMP HOPPER ELEVATOR (4931-G-123); SCREEN (4932-S-118); SHUTTLE BELT FEED CONVEYOR (4932 G-142); SHUTTLE BELT; AND 12 SILOS AND FEEDERS.

PERMIT UNIT REQUIREMENTS

1. The dump hopper, dump hopper elevator, product elevator, and screen are all vented to a Fabric Filter model 256-10 pulse jet baghouse. [District NSR Rule], [Federally Enforceable Through Title V]
2. The twelve storage silos and feeders are vented to a Sly, Inc. model 68-360 baghouse. [District NSR Rule], [Federally Enforceable Through Title V]
3. The Fabric Filter pulse jet baghouse is shared by these permit units: N-767-20; N-767-23; N-767-73; and N-767-75. [District NSR Rule], [Federally Enforceable Through Title V]
4. The Sly, Inc baghouse is shared by these permit units: N-767-73; N-767-74; N-767-75; and N-767-76. [District NSR Rule], [Federally Enforceable Through Title V]
5. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
6. Material removed from the baghouses shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
7. There shall be no visible emissions from the baghouses, and the associated ducting system. [District Rule 4101], [Federally Enforceable Through Title V]
8. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
9. The total amount of throughput of fertilizer shall not exceed 960 tons in any one day. [District NSR Rule], [Federally Enforceable Through Title V]
10. The raw material dump station shall be adequately shrouded to minimize fugitive dust emissions. [District NSR Rule], [Federally Enforceable Through Title V]
11. The PM10 emission concentration shall not exceed 0.001 lbs/ton of material throughput. [District NSR Rule], [Federally Enforceable Through Title V]
12. A daily log of material type and throughput shall be maintained, retained on the premises, and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. The particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
14. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]
15. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
16. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
17. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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18. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
19. Each baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-74-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

FERTILIZER BLEND PLANT - BAGGED MATERIAL CUT-IN CHARGING SYSTEM: THREE CUT-IN CHARGERS (4932-G-150, -151, & -152); AND THREE FEEDERS (4932-J-152, -153, & -154). THE THREE CHARGERS AND FEEDER -154 ARE VENTED TO A SLY, INC. MODEL 68-360 BAGHOUSE.

PERMIT UNIT REQUIREMENTS

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1. The Sly, Inc. baghouse is shared by these permit units: N-767-73; N-767-74; N-767-75; and N-767-76. [District NSR Rule], [Federally Enforceable Through Title V]
 2. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Each baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
 4. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
 5. Material removed from the baghouses shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
 6. There shall be no visible emissions from the baghouses, and the associated ducting system. [District NSR Rule], [Federally Enforceable Through Title V]
 7. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
 8. The total amount of throughput of fertilizer shall not exceed 19.2 tons in any one day. [District NSR Rule], [Federally Enforceable Through Title V]
 9. The PM10 emission concentration shall not exceed 0.0001 lbs/ton of material throughput. [District NSR Rule], [Federally Enforceable Through Title V]
 10. A daily log of material type and throughput shall be maintained, retained on the premises, and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 11. The particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
 12. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]
 13. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 14. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 15. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-75-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

FERTILIZER BLEND PLANT - BULK MIXING AND HANDLING SYSTEM: BULK SILO CONVEYOR (4932-G-143); CROSS FEED CONVEYOR (4932-G 144); SILO PURGE BELT (4932-G-149); A BULK MIXER (4932-M-106); AND A PRODUCT ELEVATOR (4932-G 129) SERVING PERMIT UNIT N-767-23.

PERMIT UNIT REQUIREMENTS

1. The purge belt (4932-G-143) serving the bulk silo conveyor (4932-G-143) shall only be used for maintenance and cleanup of the bulk mixing and handling system. [District NSR Rule], [Federally Enforceable Through Title V]
2. The blender purge conveyor (4932-G-137) serving the product elevator (4932-G-129) shall only be used for maintenance and cleanup of the product elevator. [District NSR Rule], [Federally Enforceable Through Title V]
3. The bulk silo conveyor (4932-G-143) is vented to a Sly, Inc. model 68-360 baghouse. [District NSR Rule], [Federally Enforceable Through Title V]
4. The cross feed belt (4932-G-144), the product elevator (4932-G-129); and the bulk mixer (4932-M-106) are vented to a Fabric Filter model 256-10 baghouse. [District NSR Rule], [Federally Enforceable Through Title V]
5. The Fabric Filter pulse jet baghouse is shared by these permit units: N-767-20; N-767-23; N-767-73; and N-767-75. [District NSR Rule], [Federally Enforceable Through Title V]
6. The Sly, Inc baghouse is shared by these permit units: N-767-73; N-767-74; N-767-75; and N-767-76. [District NSR Rule], [Federally Enforceable Through Title V]
7. There shall be no visible emissions from the baghouses, and the associated ducting system. [District NSR Rule], [Federally Enforceable Through Title V]
8. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
9. The total amount of throughput of fertilizer shall not exceed 979.2 tons in any one day. [District NSR Rule], [Federally Enforceable Through Title V]
10. The PM10 emission concentration shall not exceed 0.0004 lbs/ton of material throughput. [District NSR Rule], [Federally Enforceable Through Title V]
11. A daily log of material type and throughput shall be maintained, retained on the premises, and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. The particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
13. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]
14. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
15. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
16. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
17. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]

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18. Each baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
19. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
20. Material removed from the baghouses shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-76-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

FERTILIZER BLEND PLANT - CONTINUOUS MIXING SYSTEM: MIXER SILO CONVEYOR (4932-G-145), SILO CROSS FEED BELT (-G-146), SILO INCLINE CONVEYOR (-G-147), MIXER FEED CONVEYOR (-G-148); CONTINUOUS MIXER (-M-105); AND A MIXER HOPPER (-TK-267).

PERMIT UNIT REQUIREMENTS

1. The mixer silo belt (4932-G-145) is vented to a Sly, Inc. model 68-360 baghouse. [District Rule 2201]
2. The continuous mixer (4932-M-105) and the mixer hopper (4932-TK-267) are vented to the warehouse #7 baghouse. [District Rule 2201]
3. The Sly, Inc baghouse is shared by these permit units: N-767-73; N-767-74; N-767-75; and N-767-76. [District Rule 2201]
4. The pulse jet baghouse of warehouse #7 is shared by these permit units: N-767-60; and N-767-76. [District Rule 2201]
5. Each baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
6. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
7. Material removed from the baghouses shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
8. There shall be no visible emissions from the baghouses, and the associated ducting system. [District NSR Rule], [Federally Enforceable Through Title V]
9. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
10. The total amount of throughput of fertilizer shall not exceed 979.2 tons in any one day. [District NSR Rule], [Federally Enforceable Through Title V]
11. The PM₁₀ emission concentration shall not exceed 0.0018 lbs/ton of material throughput. [District NSR Rule], [Federally Enforceable Through Title V]
12. A daily log of material type and throughput shall be maintained, retained on the premises, and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. The particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
14. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]
15. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
16. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
17. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
18. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-767-77-2

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

OUTDOOR MOBILE EQUIPMENT COATING OPERATION WITH HVLP SPRAY GUN(S) AND AN ENCLOSED GUN CLEANER.

PERMIT UNIT REQUIREMENTS

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1. VOC emission rate shall not exceed 14.1 lb/day. [District NSR Rule], [Federally Enforceable Through Title V]
 2. Particulate matter (PM10) emission rate shall not exceed 2.4 lb/day. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Only Group II vehicles and equipment, as defined in District Rule 4602, shall be coated. [District NSR Rule], [Federally Enforceable Through Title V]
 4. Volatile Organic Compound (VOC) content of coatings as applied shall not exceed the limits specified in Rule 4602. [District Rule 4602], [Federally Enforceable Through Title V]
 5. Amount of precoat used shall not exceed the amount of primer surfacer used. Precoat use shall be limited to one application per vehicle. Precoat shall not be used to fill in surface imperfections. [District Rule 4602], [Federally Enforceable Through Title V]
 6. Only HVLP, electrostatic, brush, dip, or roll coating application equipment shall be used, and the application equipment shall be operated in accordance with the manufacturer's recommendations. [District Rule 4602], [Federally Enforceable Through Title V]
 7. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer's published technical material or by use of a certified air pressure tip gauge. [District Rule 4602], [Federally Enforceable Through Title V]
 8. VOC content of solvents used for surface preparation, except for surface preparation of plastic substrates and the application by hand held spray bottle for the removal of road tar, shall not exceed 0.6 lb/gallon. [District Rule 4602], [Federally Enforceable Through Title V]
 9. Maximum VOC content of solvents used for surface preparation of plastic substrates shall not exceed 6.5 lb/gallon. [District Rule 4602], [Federally Enforceable Through Title V]
 10. Closed, non-absorbent containers shall be used for storage and disposal of all solvent-laden cloth or paper. [District Rule 4602], [Federally Enforceable Through Title V]
 11. All fresh or spent coatings, adhesives, catalysts, thinners and solvents shall be stored in closed containers. [District Rule 4602], [Federally Enforceable Through Title V]
 12. Permittee shall not use VOC containing materials for spray equipment clean-up unless an enclosed system or equipment proven to be equally effective is used for cleaning. [District Rule 4602], [Federally Enforceable Through Title V]
 13. VOC content of solvents used with an enclosed or approved cleaning system shall not exceed 7.9 lb/gallon and solvent vapor pressure shall not exceed 35 mm Hg at standard conditions. [District Rule 4602], [Federally Enforceable Through Title V]
 14. The VOC emissions from the coating operation shall not exceed 575 pounds in any one calendar year. [District NSR Rule], [Federally Enforceable Through Title V]
 15. The permittee shall maintain a record of the annual quantity of VOC emitted by the coating operation. [District NSR Rule], [Federally Enforceable Through Title V]
 16. Permittee shall keep records of the quantity of vehicles coated, specific coatings used on each vehicle, mix ratios by volume of components added to the coating and VOC content of each coating as applied. [District Rule 4602], [Federally Enforceable Through Title V]
 17. Permittee shall keep purchase and usage records showing the date, type and volume of each specific solvent or reducer used and the quantity and mix ratio of each specialty coating applied. [District Rule 4602], [Federally Enforceable Through Title V]
 18. No coatings, solvents, or additives containing chromium compounds shall be used. [District Rule 4102]
 19. VOC emissions shall be determined using USEPA Method 25, 25a, or 25b. [District Rule 4602], [Federally Enforceable Through Title V]

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